[A-3]COURSE SYLLABUS

1. Course Description (Approximately 100 words)

AI is radically different to all other emerging technologies. It has the power to massively change how an organisation functions and competes. Its true value can only be unleashed when the leadership gives strong direction on how to leverage this opportunity. AI won ' t replace business leaders, but business leaders who understand AI will replace those that don ' t.

This new wave of technology, however, is different. It will not be on what we call computers. It will be woven into the very fabric of society. The convergence of Internet of Things, robotics, 5G mobile networks, quantum computing and of course self-learning machines is going to replace slow moving conservative businesses. Those that dismiss this impending explosion in new computing resources and how it will fundamentally change business simply haven ' t researched it. Things are about to change. Leaders need to change.

2. Course Goals and Objectives (Approximately 100 words)

PROGRAM BENEFITS THAT WILL TAKE STUDENTS
Learn about trends emerging from the rise of frontier tech
Gain strategic perspectives in AI technologies and their dynamics
Develop the ability to assess the uncertainty, ambiguity, and challenges of artificial intelligence
Learn how to visualize and frame business implications and opportunities stemming from AI
Seek an actionable, defensible continued exploration agenda for experimentation

3. Textbook (Title, Author, Publisher, Year of Publication, etc.)

Artificial Intelligence for Business: What You Need to Know about Machine Learning and Neural Networks Kindle Edition by Doug Rose (Author)

4. Reference

1. Artificial Intelligence for Business: A Modern Business Approach (2 Books in 1: Artificial Intelligence and Machine Learning for Business & Artificial Intelligence Business Applications) Kindle Edition by John Medicine (Author)

5. Course Requirements and Grades

Coursework Weight: 30%.
The final examination. Weight: 70%.

6. Course Calendar

Week	Main Content
1	Introduction
2	Converging technologies and the rise of the fourth industrial revolution
3	Artificial intelligence and artificial general purpose intelligence
4	Emerging technologies
5	Big data vs. scattered data
6	Deterministic technologies vs. probabilistic technologies
7	Machine learning (supervised/unsupervised)
8	Deep learning
9	Natural language processing
10	The magna carta for the global AI economy
11	Building an Agile business
12	Building an AI powered business
13	Build a digital business strategic roadmap
14	Cases